

What is claimed is:

1. A musical tone signal generation apparatus comprising:  
 a performance operator which is configured using a pressure sensor that detects pressure and that is mounted on a base member, wherein the pressure sensor and the base member are encapsulated in a hold member that is made by elastic material and is formed in a round shape suited for grip of a user; and  
 a musical tone signal generator for generating musical tone signals in response to the pressure being detected by the pressure sensor of the performance operator.

2. A musical tone signal generation apparatus comprising:  
 a performance operator which is configured using a pressure sensor that detects pressure and that is mounted on a base member, wherein the pressure sensor and the base member are encapsulated in a hold member that is made by elastic material and is formed in a round shape suited for grip of a user; and  
 a musical tone signal generator for generating musical tone signals in response to variations of the pressure being detected by the pressure sensor of the performance operator.

3. A musical tone signal generation apparatus according to claim 1 ~~or 2~~ further comprising:  
 an informer that informs the user of generation of the musical tone signals generated by the musical tone signal generator.

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4. A musical tone signal generation apparatus according to ~~any one of claims 1 to 3~~ <sup>claim 1</sup> further comprising:

a storage for storing musical tone control data; and

an automatic performance controller for controlling the musical tone signal generator based on the musical tone control data stored in the storage to play automatic performance.

5. A musical tone signal generation apparatus accommodated for multiple users to play music in an ensemble, comprising:

a main unit;

a plurality of performance operators, each of which is physically separated from the main unit and is manually operated by each user to issue tone-generation instructions, wherein at least one of the plurality of performance operators is configured as a hold operator that is configured using a pressure sensor mounted on a base member and encapsulated in a hold member which is made by elastic material and is formed in a round shape suited for grip of the user;

a storage for storing performance data and tone color data with respect to at least a single musical tune constructed by a plurality of parts respectively corresponding to a plurality of tone colors;

a tone color assignor for assigning the plurality of tone colors to the plurality of performance operators;

a musical tone signal generator for generating musical tone signals based on the performance data stored in the storage so as to play automatic performance or for generating musical tone signals in response to the tone-generation instructions being issued from each of the plurality of performance operators so as to play manual

performance using each of the tone colors assigned to the performance operators; and  
 a plurality of speakers for producing musical tones corresponding to the  
 musical tone signals of the automatic performance or manual performance, wherein the  
 plurality of speakers are arranged on the main unit in connection with the plurality of  
 performance operators respectively.

6. A musical tone signal generation apparatus according to claim 5 wherein the musical tone signal generator generates musical tone signals in response to pressure being detected by the pressure sensor of the hold operator.
7. A musical tone signal generation apparatus according to claim 5 wherein the musical tone signal generator generates musical tone signals in response to differential values calculated from pressure being detected by the pressure sensor of the hold operator.
8. A musical tone signal generation apparatus according to claim 5 wherein each of the plurality of performance operators except the hold operator installs at least a pad whose surface is to be struck by each user to issue a tone-generation instruction.
9. A musical tone signal generation apparatus according to claim 5 further comprising a control panel that is mounted on the main unit to provide manual controls for the automatic performance and the manual performance.
10. A musical tone signal generation apparatus according to claim 9 further comprising a sub panel that is mounted on the performance operator to provide manual

controls for the automatic performance.

11. A musical tone signal generation apparatus according to claim 5 wherein each of the plurality of performance operators further installs an informer that informs the user of issuance of a tone-generation instruction.

12. A musical tone signal generation apparatus according to claim 11 wherein the informer is a speaker that produces sound in response to issuance of a tone-generation instruction.

13. A musical tone signal generation apparatus according to claim 11 wherein the informer is a light emitter that radiates light in response to issuance of a tone-generation instruction.

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